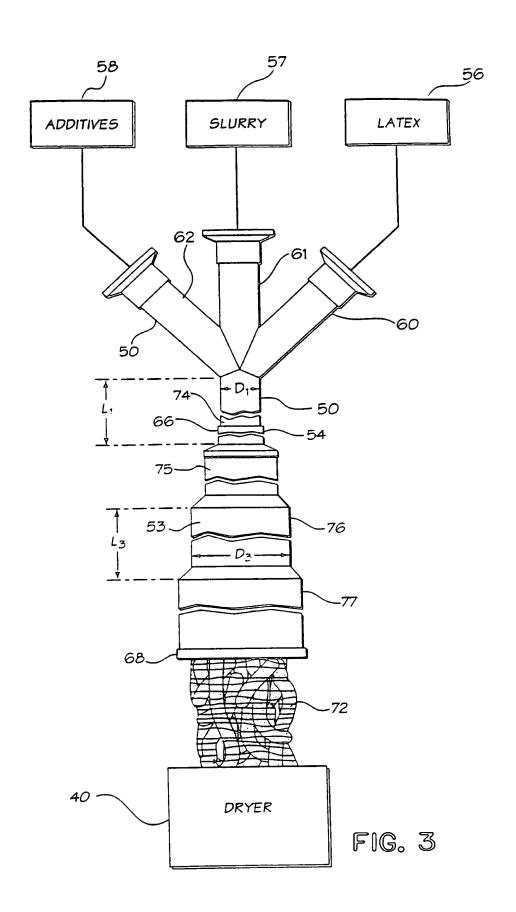
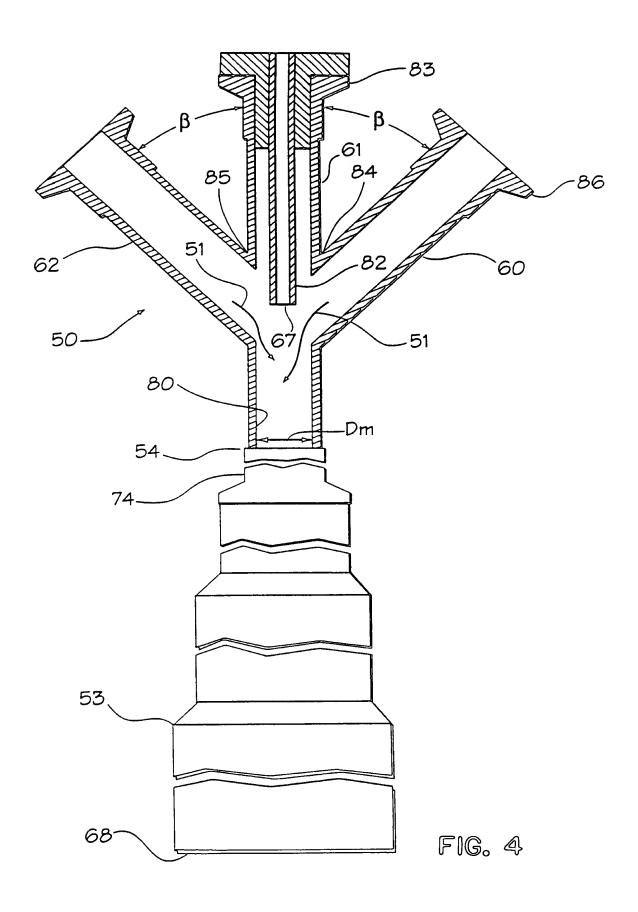
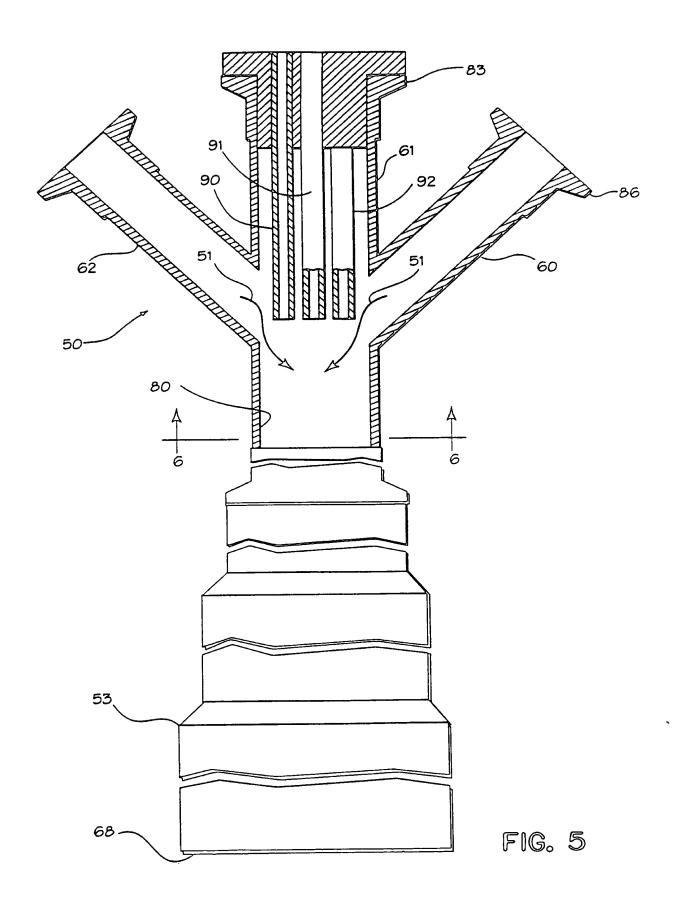


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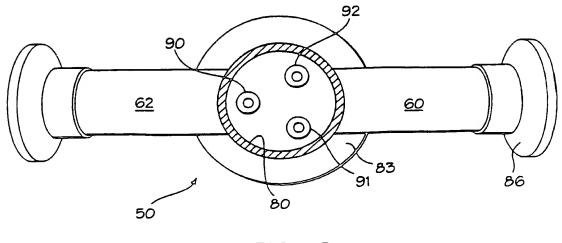


FIG. 6

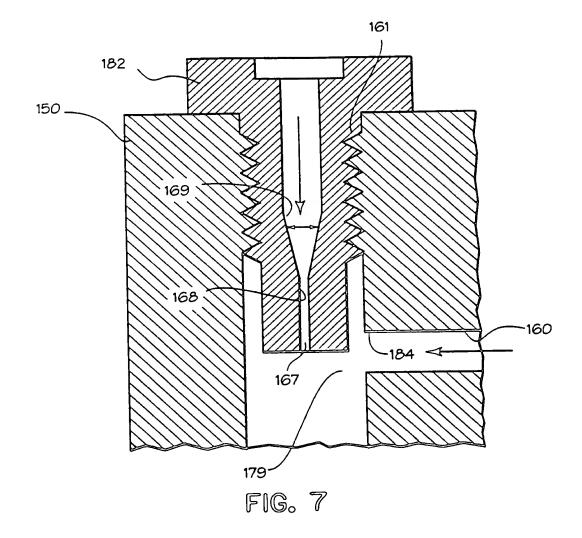
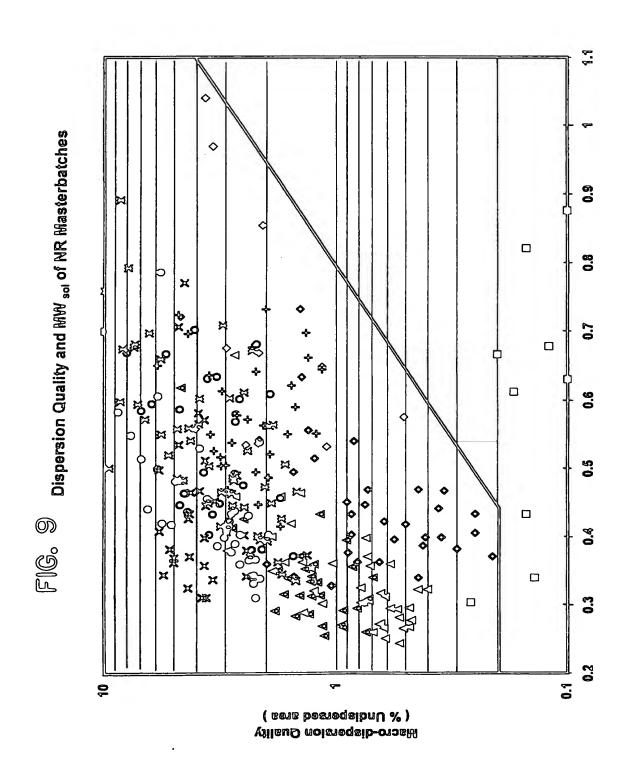


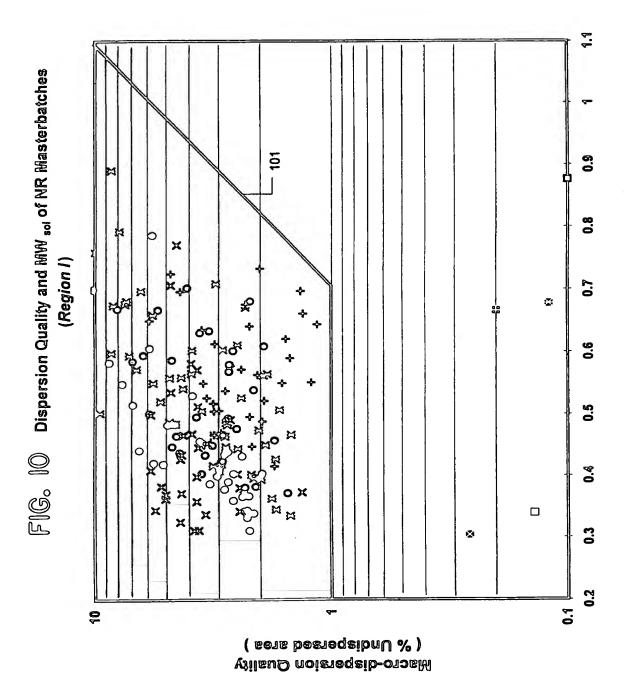
FIG. 8

165 O VULCAN 10E 155 145 Region [I] Region N110 135 125 Carbon Black Morphology Map N234 N231 N220 REGAL 660 118 105 O VULCAN 2H **8** N339 **69** (%) N326 N330 Region II 75 N38J **6**9 REGAL 250 140 STERNING **忍** \$ 2 (6001/100) A980 \$ \$. 83 180 120 Ş

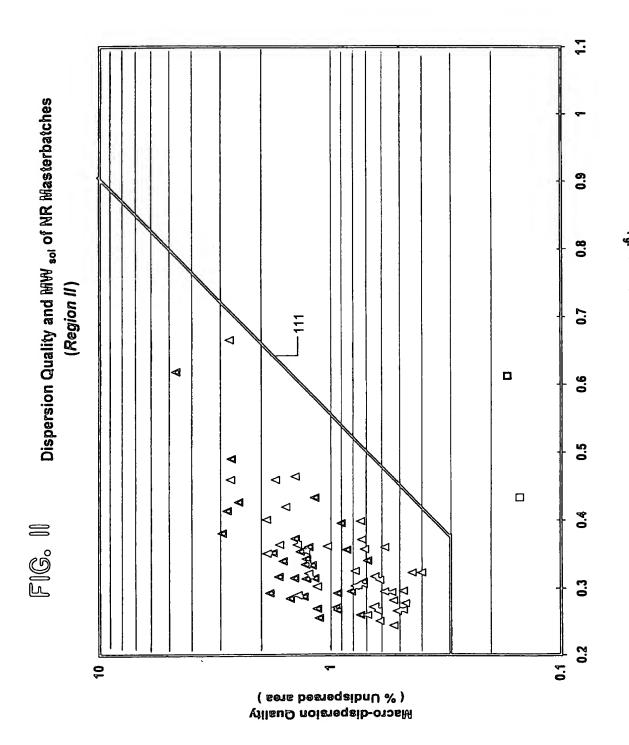
 $CTAB (m^2/g)$



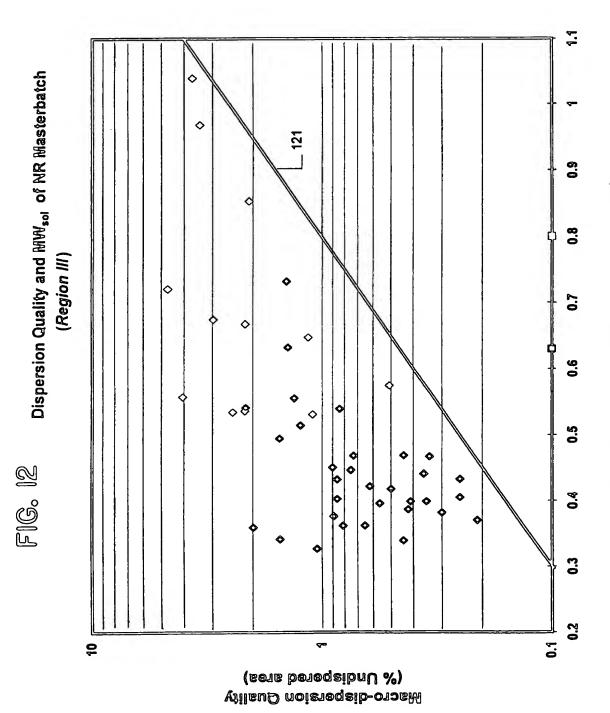
WW of Sol Portion of NR Masterbatch (\times 10 $^{-6}$)



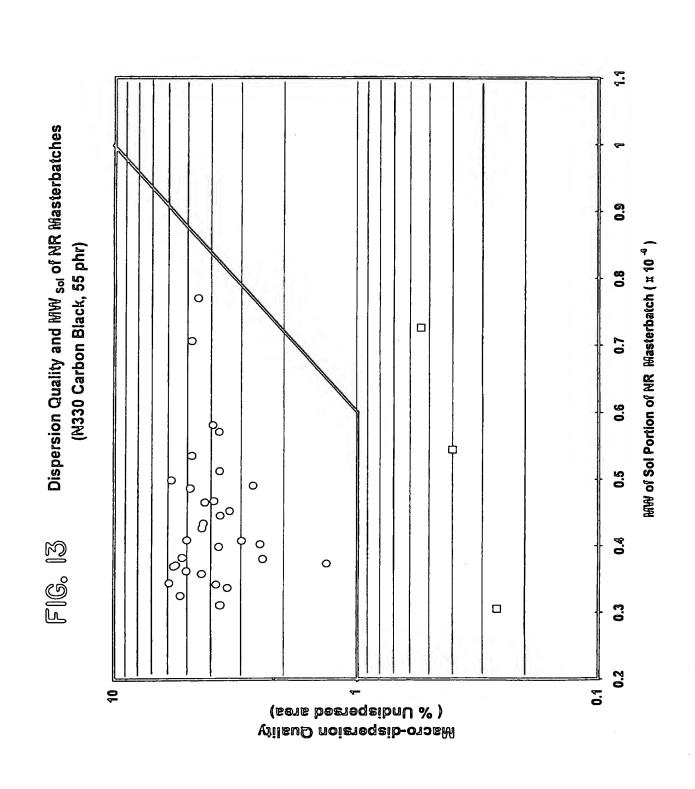
MW of Sol Portion of MR Masterbatch (imes 10 $^{ extstyle 4}$)

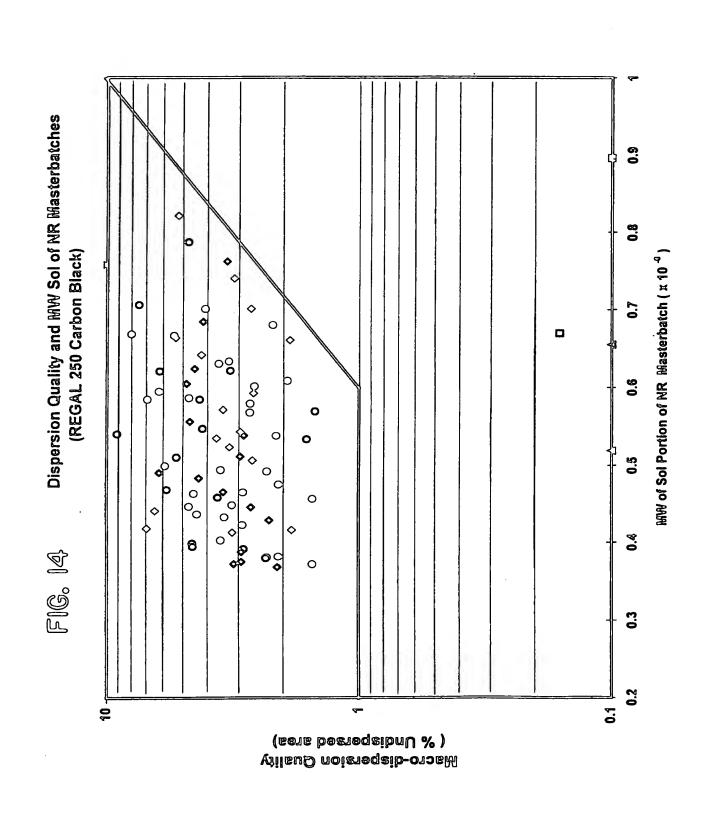


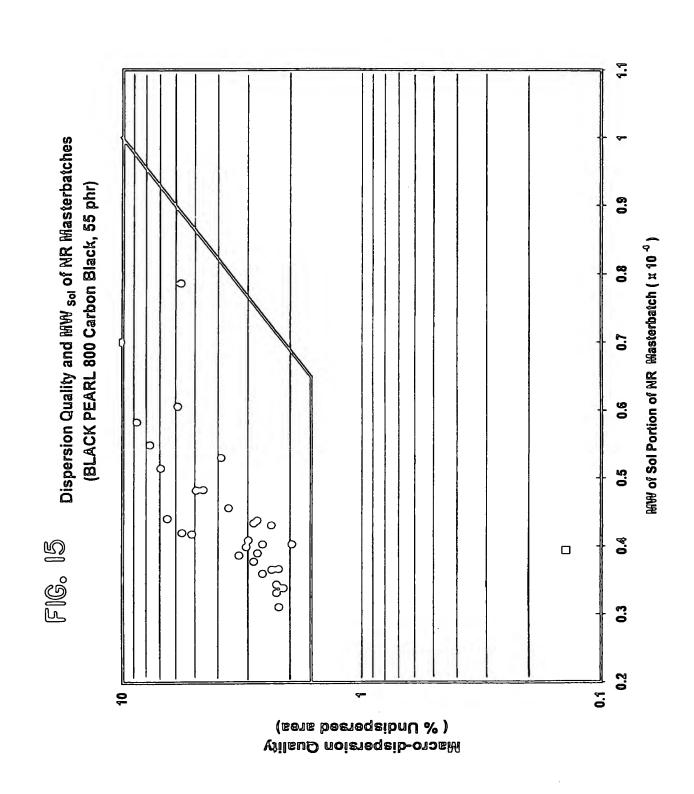
MHV of Sol Portion of NR Masterbatch (κ 10 $^{-6}$)

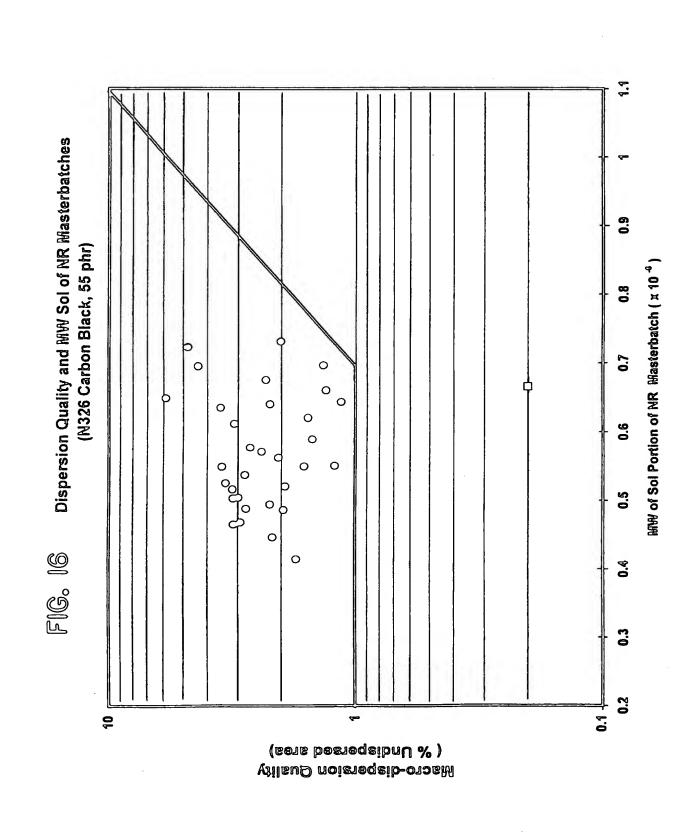


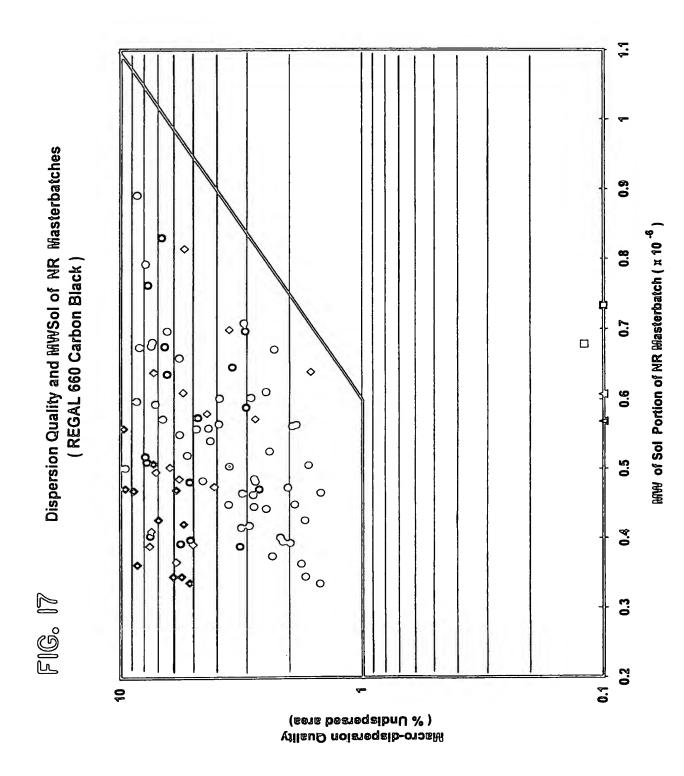
MiW of Sol portion of NR Masterbatch ($\kappa10^{-6}$)

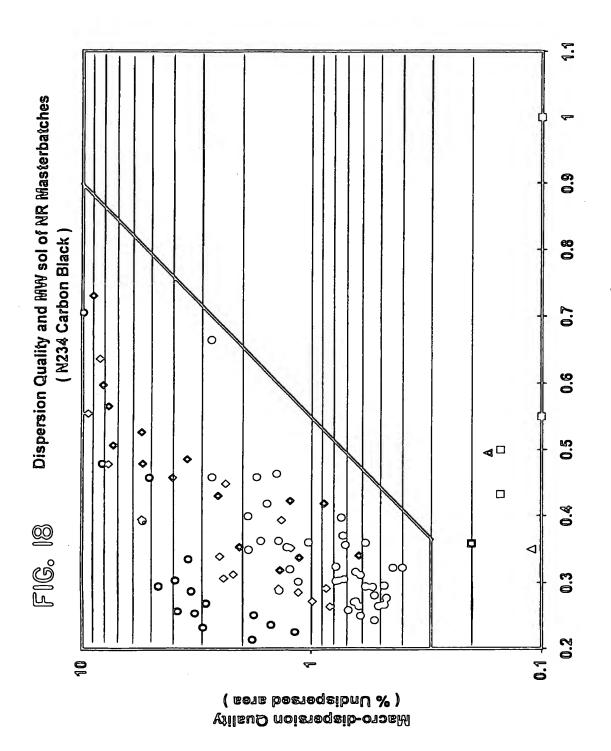




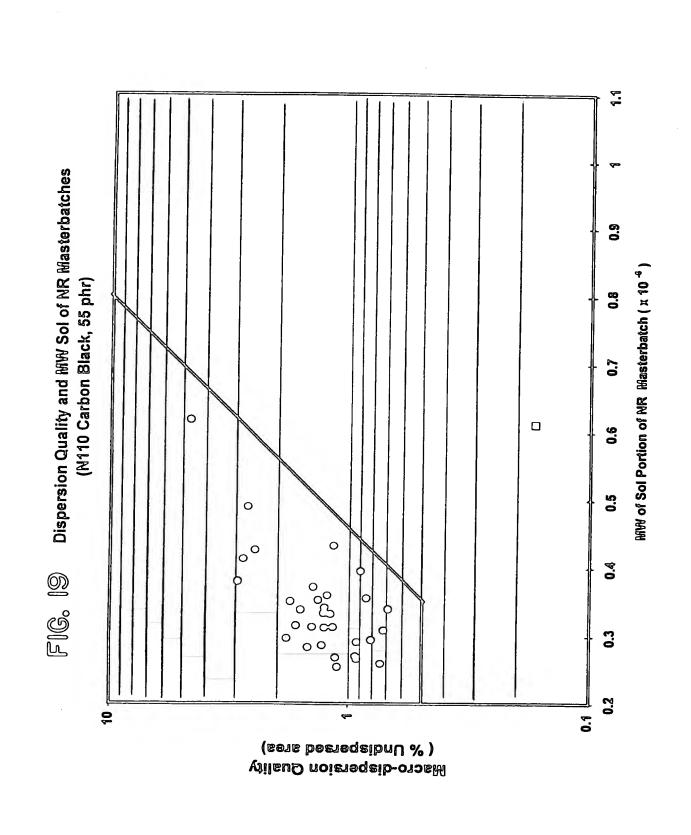


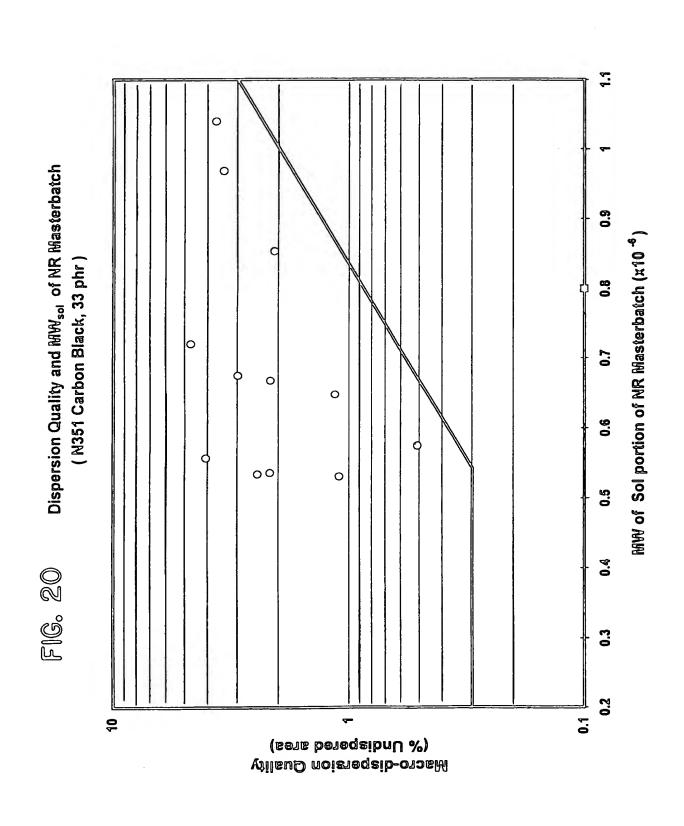


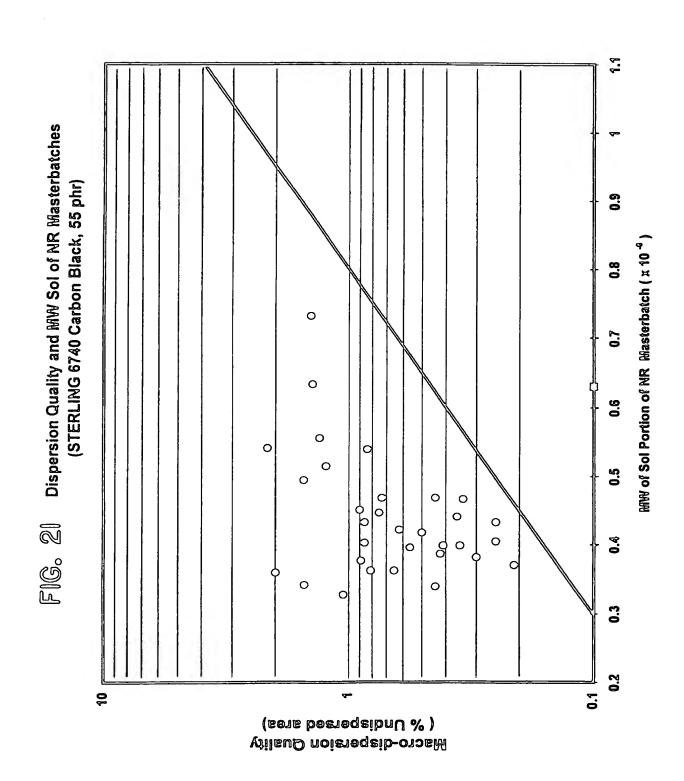


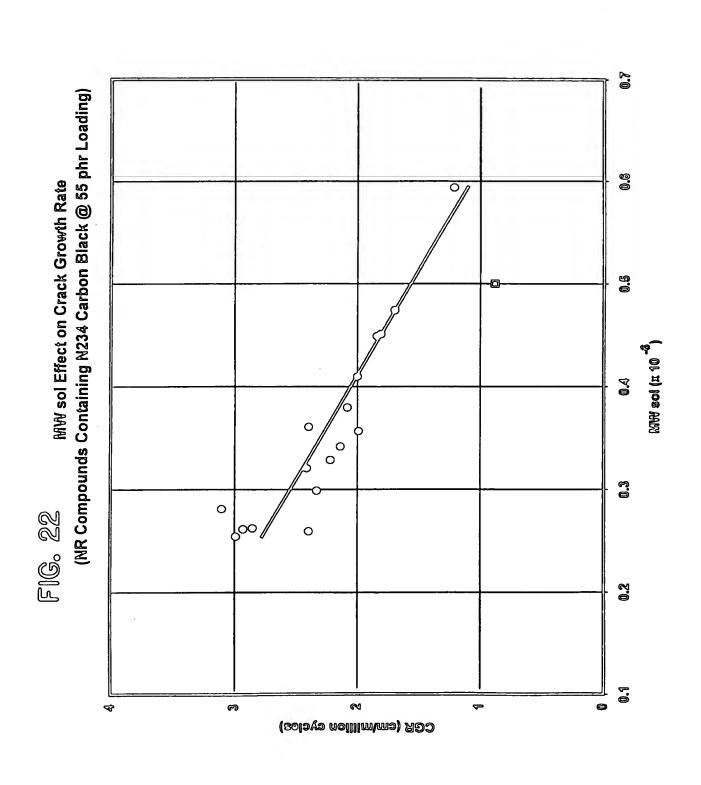


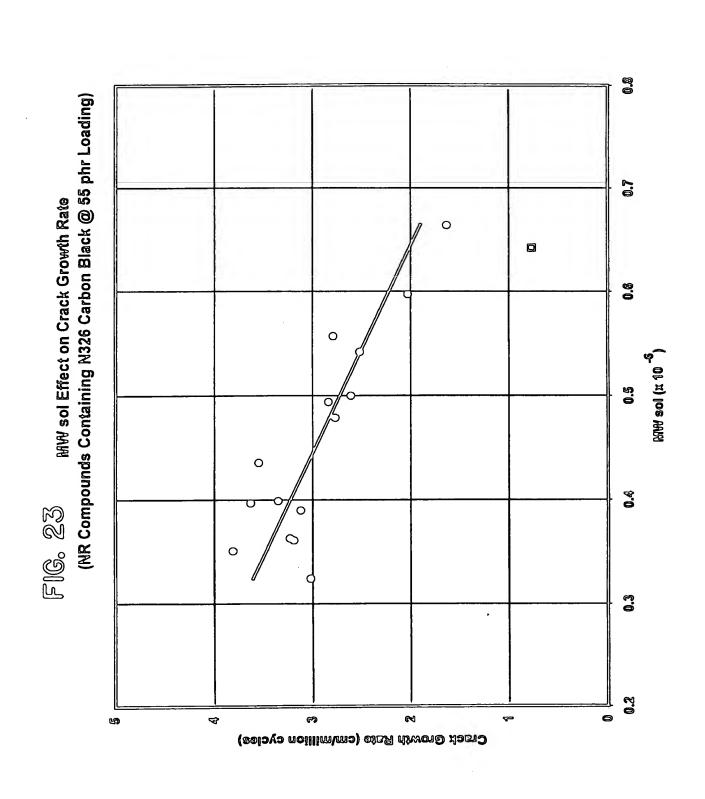
MW of Sol Portion of NR Hasterbatch (\times 10 $^{-6}$)

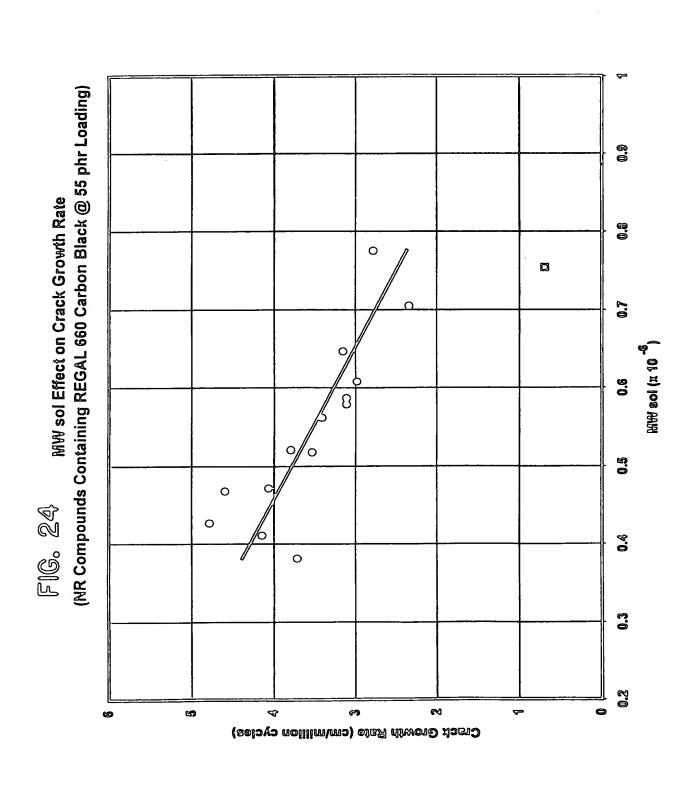


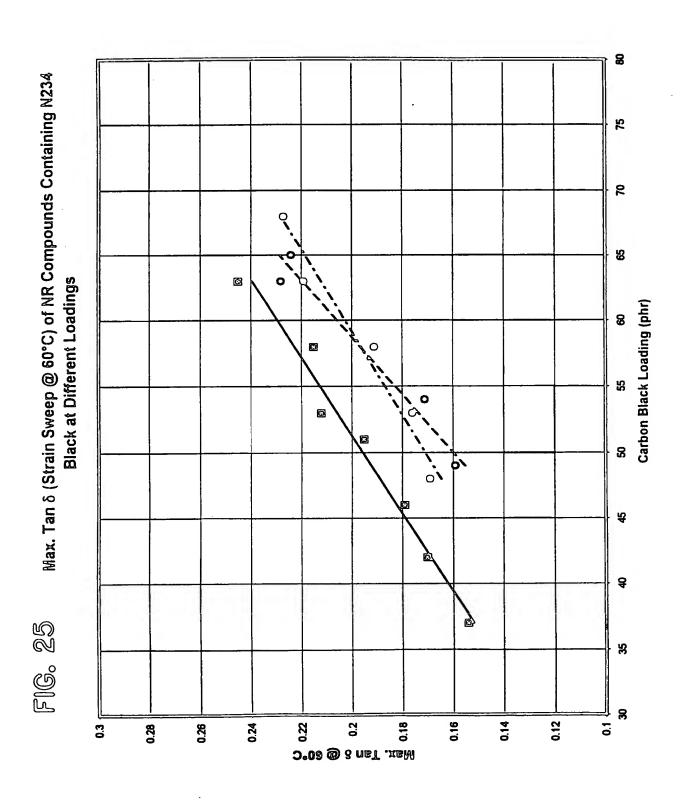












Tear Resistance Crack Growth Cut-and-Chip 160 OTR Tread <u>양</u> Carbon Blacks in NR Compounds for OTR Tread N134 - Z 5 <u>262</u> N220 N234 REGAL 660 100 110 120 N299 <u>261</u> N347 N343 N339 8 N330 N326 VULCAN 2H 8 2 STERLING 6740 N351 8 REGAL 250 FIG. 26 ß N550 \$ 8 2 8 \$ **4** 8 120 **§** 6 (e001\00) A980

CTAB (m^2/g)

180

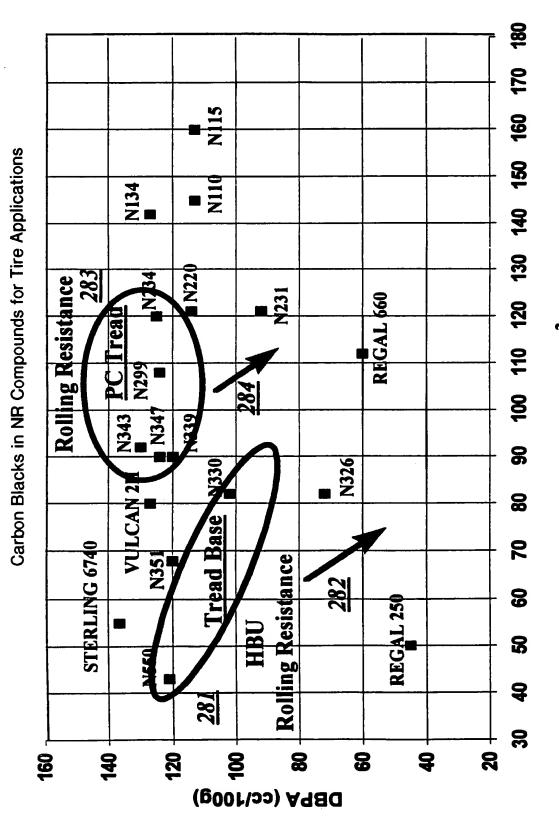
13

F16, 27

6 170 272 NIIS 160 Wear Resistance 288 88 Carbon Blacks in NR Compounds for T/B Tread 271 140 130 □ N220 N234 N231 RECAL 660 120 110 9 1 N347 N343 N339 S N326 028Z VULCAN 2H 8 20 STERLING 6740 N335 00 REGAL 250 r R N\$\$0 \$ 8 8 8 8 140 120 160 8 160 (<u>600</u>1) A980

CTAB (m/g)

FIG. 28



 $CTAB (m^2/g)$

